



U. S. Department of Homeland Security
United States Coast Guard
Certificate of Approval

Coast Guard Approval Number: 160.115/123/0

Expires: 05 November 2018

LAUNCHING APPLIANCE - WINCH

ZOLLERN GMBH
HEUSTRASSE 1
D-88518 HERBERTINGEN

GERMANY

Type ZR 04.15 lifeboat/rescue boat winch for use with hydraulic/electric motor; maximum safe working load 28 KN (2855 kg) pull at the drums (first layer).

Evaluated, tested and found to be in compliance with the IMO LSA Code (Res. MSC.48(66)), section 6.1, and IMO Res. A.689(17) (as amended through Res. MSC.81(70)), sections 1/8.1.1 through 8.1.7, as applicable.

Identifying Data: Zollern Dwg. No. 04.15 10203, "Rope Winch" (2 pages), dated August 8, 2008; "Rope Winch Gear Calculation" dated November 15, 2008; and approved detail drawings as referenced thereon.

Approval valid only for equipment produced at the above manufacturing location.

This winch is designed for up to three layers of wire rope on the drum. At each installation, the cognizant OCM must verify that the arrangement allows for the wire rope to wind evenly on and off the drum.

Production tests and inspections conducted in accordance with 46 CFR 160.115-15 witnessed by an ABS Surveyor. Production test summary per 46 CFR 159.007-11 due annually in September.

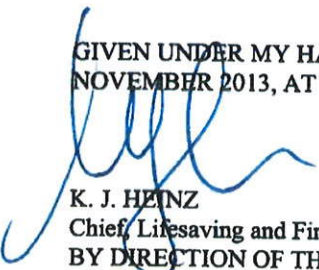
Extends certificate dated November 5, 2008, and reflects ABS as the accepted independent laboratory for production oversight.

*** END ***

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the item specified herein complies with the applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval shall be in effect until the expiration date hereon unless sooner canceled or suspended by proper authority.



GIVEN UNDER MY HAND THIS 5th DAY OF
NOVEMBER 2013, AT WASHINGTON D.C.


K. J. HEINZ
Chief, Lifesaving and Fire Safety Division
BY DIRECTION OF THE COMMANDANT

TERMS: The approval of the item described on the face of the Certificate has been based upon the submittal of satisfactory evidence that the item complies with the applicable provisions of the navigation and shipping laws and the applicable regulations in Title 33 and/or Title 46 of the Code of Federal Regulations. The approval is subject to any conditions noted on this Certificate and in the applicable laws and regulations governing the use of the item on vessels subject to Coast Guard inspection or on other vessels and boats.

Consideration will be given to an extension of this approval provided application is made 3 months prior to the expiration date of this Certificate.

The approval holder is responsible for making sure that the required inspections or tests of materials or devices covered by this approval are carried out during production as prescribed in the applicable regulations.

The approval of the item covered by this certificate is valid only so long as the item is manufactured in conformance with the details of the approved drawings, specifications, or other data referred to. No modification in the approved design, construction, or materials is to be adopted until the modification has been presented for consideration by the Commandant and confirmation received that the proposed alteration is acceptable.

NOTICE: Where a manufacturer of safety-at-sea equipment is offering for sale to the maritime industry, directly or indirectly, equipment represented to be approved, which fails to conform with either the design details or material specifications, or both, as approved by the Coast Guard, immediate action may be taken to invoke the various penalties and sanctions provided by law including prosecution under 46 U.S.C. 3318, which provides:

"A person that knowingly manufactures, sells, offers for sale, or possesses with intent to sell, any equipment subject to this part (*Part B. of Subtitle II of Title 46 U.S.C.*) and the equipment is so defective as to be insufficient to accomplish the purpose for which it is intended, shall be fined not more than \$10,000, imprisoned for not more than 5 years or both."